PART II

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Five-Year Index

1986–1990

This is the twelfth cumulative index issued by the Society since its creation in 1916. The first index covered the period from July 1916 to July 1930. The Society's publication was called *Transactions* until January 1930, when the name was changed to *Journal of the SMPE*. In 1950, when the name of the Society became The Society of Motion Picture and Television Engineers, defining its expanding interest in television, the name of its publication became *Journal of the SMPTE*. On the 60th anniversary of the Society, in 1976, the title was shortened to *SMPTE Journal*. The first index included not only subject and author listings but also a synopsis of each paper. As the membership increased and the scope of the Society widened, it became infeasible to include material of this nature in the Index. Changes were made in each subsequent Index to accommodate a wider range of subject matter and a greater number of contributors.

In compiling the present Index, the editors have followed, in general, the plan of similar indexes, while endeavoring to anticipate the special requirements of members, students, and researchers. New subject categories have been added and larger categories divided to make this Index as useful as possible. The outline of Subject Categories on the opposite page reflects the Society's interests in many fields relying on communication techniques related to motion pictures and television.

In 1916, the confusion arising at home and abroad through want of cooperation and standardization prompted C. Francis Jenkins, inventor and scientist, to interest a dozen manufacturers and their technicians in the founding of a society which should have for its avowed purpose "advancement in the theory and practice of motion-picture engineering and the allied arts and sciences, the standardization of the mechanisms and practices employed therein, and the dissemination of scientific knowledge by publication."

The above statement appeared in the Preface to the first Index. Today, more than a half-century later, those aims and purposes are still valid. Beginning with a few dedicated founders, the Society's membership has increased to more than 9000, extended throughout the world. The early *Transactions* has grown to the present-day *Journal;* several technical books have been published; and more than 300 SMPTE Standards, Practices, and Guidelines are available through the Society.

SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS

595 West Hartsdale Avenue, White Plains, NY 10607

FIVE-YEAR INDEX 1986-1990

Subject Categories

Each Journal technical paper and report is indexed under one or more of the following headings. Society announcements are found under Engineering, Sections Activities, and SMPTE Activities.

Subject Index

See "Subject Categories" on the preceding page for an overview of the arrangement. Items under each heading are arranged alphabetically. Names in italics indicate authors of articles. Boldface numbers refer to volumes, which are:

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CAMERAS

Motion-Picture Cameras

Television Cameras

CAMERA EQUIPMENT

Image Sensors

Lenses

Miscellaneous Equipment

Mountings

Pickup Tubes

CINEMATOGRAPHY

COLORIMETRY

COMPONENT TECHNOLOGY

COMPOSITING

FIBER OPTICS

FILM

FILM FOR TELEVISION

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HIGH-DEFINITION TELEVISION (HDTV)

HIGH-SPEED PHOTOGRAPHY

HISTORY

IMAGE QUALITY

IMAGE SENSORS

INTERFACE

LABORATORY

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Annual Meeting

Awards

See Awards and Honors

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Finance

Membership

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Officers and Governors

Other Organizations, Relationships with

President's Remarks

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USER BITS

VIDEOCASSETTE RECORDING

VIDEODISC

VIDEOTAPE

VIDEOTAPE RECORDING

WORKSTATION

Author Index

Authors are listed alphabetically followed by their coauthor listings. Titles of papers that are the work of two or more authors are given in entirety under each name.

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